

ABSTRACT

Apparatuses and methods for dynamically adjusting carrier sensing threshold levels in a wireless, such as CSMA, system. A station may use the carrier sensing measurement made in normal CSMA operation to determine a threshold level for the local station, and transmit the determined level to other stations in the system. The station also receives similar information from other stations in the system and determines, based at least in part on the information received and the local determined threshold level, an optimal carrier sensing threshold level.